

ABSTRACT

The present invention describes a method of inhibiting the growth of an undesired plant by contacting the plant with a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a median diameter from about 3 micrometers to about 10 micrometers. The present invention further describes a composition for inhibiting the growth of an undesired plant containing a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a wall with a thickness from about 1 wt. % to about 10 wt. %.



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(54) Title: METHODS OF USING DINITROANILINE COMPOUNDS AS MICROCAPSULE FORMULATIONS

(57) Abstract: The present invention describes a method of inhibiting the growth of an undesired plant by contacting the plant with a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a median diameter from about 3 micrometers to about 10 micrometers. The present invention further describes a composition for inhibiting the growth of an undesired plant containing a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a wall with a thickness from about 1 wt. % to about 10 wt. %.

WO 2004/008852 A1